Amendments to the Claims:

- 1-77. (Cancelled)
- 78. (Previously Amended) The method of claim 113 wherein the polynucleotide encodes HT12, BHL or ESA.
- 79. (Previously Amended) A transgenic cereal plant seed produced by the method of claim 113.
- 80-89. (Cancelled)
- 90. (Previously Amended) The expression cassette according to claim 112 wherein the promoter is a gamma zein promoter or a waxy promoter.
- 91. (Previously Amended) A vector comprising the expression cassette of claim 112.
- 92-95. (Cancelled)
- 96. (Previously Amended) The method of claim 113 wherein the seed endosperm-preferred promoter is heterologous to the polynucleotide.
- 97-102. (Cancelled)
- 103. (Previously Amended) A food or feed product produced from the transformed cereal plant seed of claim 114.
- 104. (Cancelled)

105. (Previously Amended) The transgenic cereal plant seed of claim 114 wherein the seed endosperm-preferred promoter is heterologous to the polynucleotide.

106-107. (Cancelled)

108. (Previously Amended) The method of claim 117 wherein the seed endosperm-preferred promoter is heterologous to the polynucleotide.

109-111. (Cancelled)

- 112. (Previously Added) An expression cassette comprising a seed endosperm-preferred promoter operably linked to a polynucleotide encoding a native plant seed protein or a native plant seed protein modified to contain about 7 mole % to about 40 mole % lysine and/or about 6 mole % to about 40 mole % of a sulfur-containing amino acid.
- 113. (Previously Added) A method for increasing the level of lysine and/or a sulfur-containing amino acid in a cereal plant seed, the method comprises transforming a cereal plant cell with an expression cassette and regenerating a transgenic cereal plant to produce a transgenic cereal plant seed, wherein the expression cassette comprises a seed endosperm-preferred promoter operably linked to a polynucleotide encoding a native plant seed protein or a native plant seed protein modified to contain about 7 mole % to about 40 mole % lysine and/or about 6 mole % to about 40 mole % of a sulfur-containing amino acid and wherein the level of lysine and/or a sulfur-containing amino acid is increased in the transgenic cereal

plant seed compared to a corresponding non-transgenic cereal plant seed.

- 114. (Currently Amended) A transgenic cereal plant seed comprising a chimeric polynucleotide operably linked to a seed endosperm-preferred promoter, wherein the polynucleotide encodes a native plant seed protein or a native plant seed protein modified to contain_about 7 mole % to about 40 mole % lysine and/or about 6 mole % to about 40 mole % of a sulfur-containing amino acid and wherein the transgenic cereal plant seed comprises an elevated level of lysine and/or a sulfur-containing amino acid compared to a corresponding non-transgenic cereal plant seed.
- 115. (Currently Amended) A transgenic cereal plant comprising a <u>chimeric</u> polynucleotide operably linked to a seed endosperm-preferred promoter, wherein the polynucleotide encodes a native plant seed protein or a native plant seed protein modified to contain_about 7 mole % to about 40 mole % lysine and/or about 6 mole % to about 40 mole % of a sulfur-containing amino acid and wherein transgenic seed of the transgenic cereal plant comprise an elevated level of lysine and/or a sulfur-containing amino acid compared to a corresponding non-transgenic cereal plant seed.
- 116. (Currently Amended) A transgenic cereal plant cell comprising a chimeric polynucleotide operably linked to a seed endosperm-preferred promoter, wherein the polynucleotide encodes a native plant seed protein or a native plant seed modified to contain_about 7 mole % to about 40 mole % lysine and/or about 6 mole % to about 40 mole % of a sulfur-containing amino acid and wherein transgenic seed of the transgenic cereal plant comprise an elevated level of lysine and/or a sulfur-containing amino acid compared to a corresponding non-transgenic cereal plant seed.

- 117. (Previously Added) A method for increasing the level of lysine and/or a sulfur-containing amino acid in a maize seed, the method comprises transforming a maize cell with an expression cassette and regenerating a transgenic maize plant to produce a transgenic maize seed, wherein the expression cassette comprises a seed endosperm-preferred promoter operably linked to a polynucleotide encoding a native plant seed protein or a native plant seed protein modified to contain about 7 mole % to about 40 mole % lysine and/or about 6 mole % to about 40 mole % of a sulfur-containing amino acid and wherein the level of lysine and/or a sulfur-containing amino acid is increased in the transgenic maize seed compared to a corresponding non-transgenic maize seed.
- 118. (Previously Added) A transgenic maize seed comprising a polynucleotide operably linked to a seed endosperm-preferred promoter, wherein the polynucleotide encodes a native plant seed protein or a native plant seed protein modified to contain_about 7 mole % to about 40 mole % lysine and/or about 6 mole % to about 40 mole % of a sulfur-containing amino acid and wherein the transgenic maize seed comprises an elevated level of lysine and/or a sulfur-containing amino acid compared to a corresponding non-transgenic maize seed.
- 119. (Previously Added) A transgenic maize plant comprising a polynucleotide operably linked to a seed endosperm-preferred promoter, wherein the polynucleotide encodes a native plant seed protein or a native plant seed modified to contain_about 7 mole % to about 40 mole % lysine and/or about 6 mole % to about 40 mole % of a sulfur-containing amino acid and wherein transgenic seed of the transgenic maize plant comprise an

elevated level of lysine and/or a sulfur-containing amino acid compared to a corresponding non-transgenic maize seed.

120. (Previously Added) A transgenic maize cell comprising a polynucleotide operably linked to a seed endosperm-preferred promoter, wherein the polynucleotide encodes a native plant seed protein or a native plant seed modified to contain_about 7 mole % to about 40 mole % lysine and/or about 6 mole % to about 40 mole % of a sulfur-containing amino acid and wherein transgenic seed of the transgenic maize plant comprise an elevated level of lysine and/or a sulfur-containing amino acid compared to a corresponding non-transgenic maize seed.